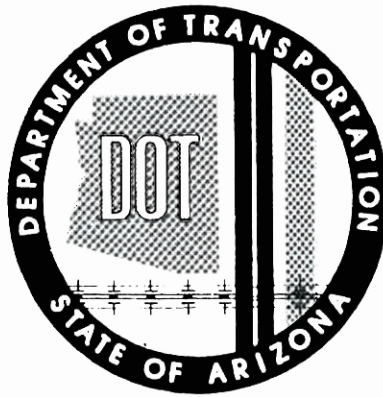


MATERIALS

PRELIMINARY ENGINEERING

AND

DESIGN MANUAL



**PREPARED BY HIGHWAYS DIVISION -
MATERIALS SECTION**

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